

RoHS
Compliant

ZONE	EC N. NO.	DESCRIPTION	DRAWING	DATE
A		INITIAL	林生財	2020.02.18

SPECIFICATIONS:

1.ELECTRICAL:

1-1:CURRENT RATING:

VBUS AND GND CONTACTS RATED AT 3A Max
VBUS AND GND CONTACTS RATED AT 0.5A Min
0.9Amps Max.for all other contact.
PARALLELED FOR A TOTAL OF 5A;

1-2:INITIAL CONTACT RESISTANCE:40 MEGOHMS

1-3:DIELECTRIC WITHSTANDING VOLTAGE:100V AC MIN;

2:MECHANICAL CHARACTERISTICS:

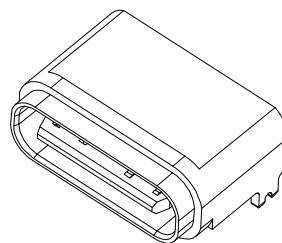
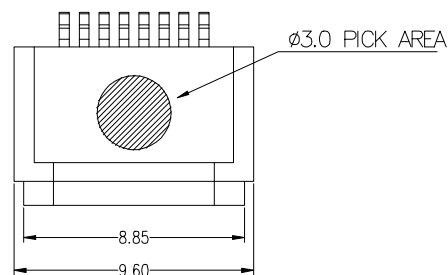
2-1:MATING FORCE:5~20N

2-2:UNMATING FORCE:8~20N(INITIAL),6~20N(AFTER 10000 CYCLES)

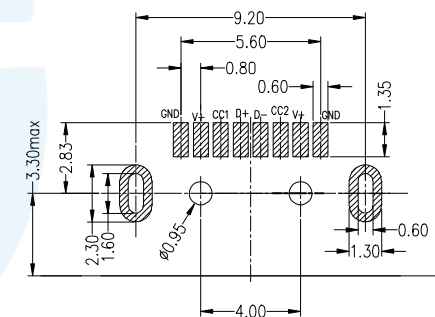
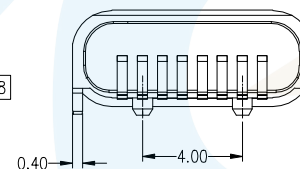
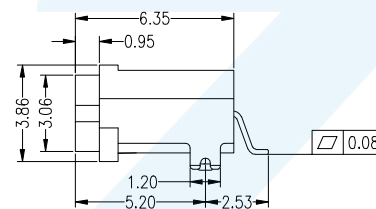
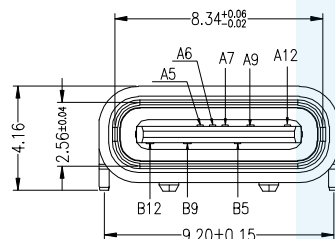
2-3:FREQUENCY:200±50 CYCLES/HOUR,10000 CYCLES

2-4:OPERATING TEMPERATURE;-40°~80°.

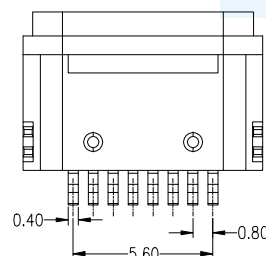
3:WATERPROOF:IP-X5.



3D VIEW



RECOMMEND PCB LAYOUT
TOL=±0.05_(TOP VIEW)



Type c Pin Assignments

A5	CC1			4	LATCH	STAINLESS STEEL		1
A6	DP1			3	SHELL	ZINC ALLOY	MATTE NICKEL PLATING	1
A7	DN1	B12	GND	2	CONTACT	COPPER ALLOY	GOLD PLATING	8
A9	VBUS	B9	VBUS	1	HOUSING	HIGH TEMPERATURE PLASTIC 94V-0	COLOR BLACK	1
A12	GND	B5	CC2					
PIN	SIGNAL NAME	PIN	SIGNAL NAME	NO.	DESCRIPTION	MATERIAL	REMARKS	QTY

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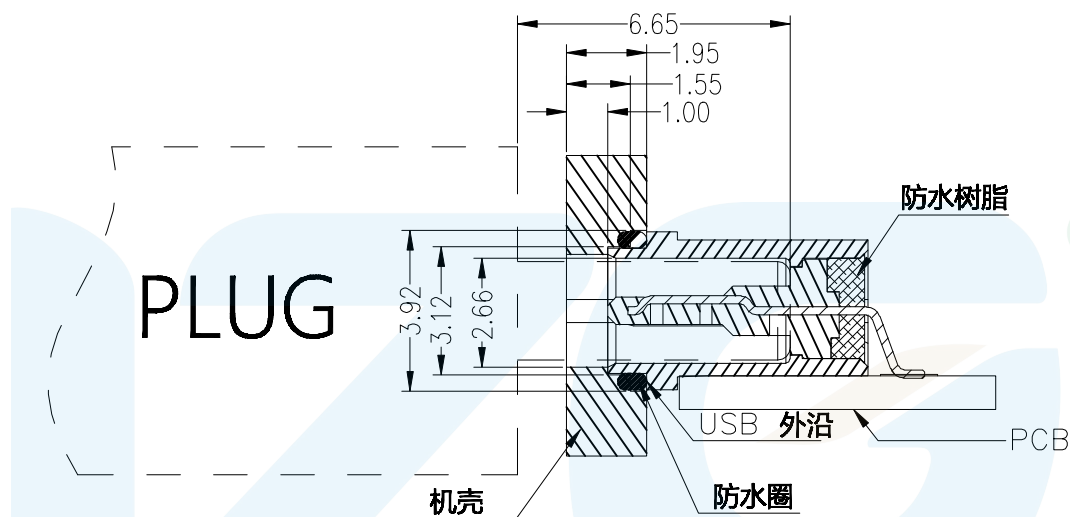
LZG INDUSTRIAL CO. LTD

DRAWING:	林生財	DATE:	2020.02.18	SCALE	1:1
CHECK:	李宏鑫	DATE:	2020.02.18	MATERIAL	*
APPROVAL:	翁进宝	DATE:	2020.02.18	DWG. NO.	
DRAWING NO.	ZB48037-08SBAP-A			SHEET	1/2

PART NAME	WATERPROFF TYPE C 8PIN	TOLERANCE UNLESS	0.0±0.3	0.°±2°	UNIT:	
PART NO.	ZB48037-08SBAP-A	OTHERWISE SPECIFIED:	0.00±0.1	0.0°±1°	mm	
			0.000±0.05	0.00°±0.5°		

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防水原理：机壳压缩防水圈使其紧密贴在USB外沿上。
(防水圈厚度0.7，压缩到0.4)

产品防水机构示意图

LZG

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DRAWING:	林生财	DATE:	2020.02.18	SCALE	1:1
CHECK:	李宏鑫	DATE:	2020.02.18	MATERIAL	*
APPROVAL:	杨述宝	DATE:	2020.02.18	DWG. NO.	
DRAWING NO.	ZB48037-08SBAP-A			SHEET	2/2

PART NAME	WATERPROFF TYPE C 8PIN	TOLERANCE UNLESS OTHERWISE SPECIFIED:	0.0±0.3 0.00±0.1 0.000±0.05	0°±2° 0.0°±1° 0.00°±0.5°	UNIT: mm	☉
PART NO.	ZB48037-08SBAP-A					